

# Recombinant Human MRPS28

Catalog No: #GP13514



Package Size: #GP13514-1 100ug

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## Description

Product Name	Recombinant Human MRPS28
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-187 amino acids of human MRPS28
Target Name	mitochondrial ribosomal protein S28
Other Names	MRPS35; HSPC007; MRP-S28; MRP-S35
Accession No.	Swissprot:Q9Y2Q9Gene Accession:BC010150
Uniprot	Q9Y2Q9
GeneID	28957;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that has been called mitochondrial ribosomal protein S35 in the literature.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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